

US EPA ARCHIVE DOCUMENT

ARKANSAS

Final Area Designations for the 2008 Ozone National Ambient Air Quality Standards

As indicated in the table below, EPA is designating Crittenden County as nonattainment for the 2008 ozone national ambient air quality standards (2008 ozone NAAQS) and the remainder of the State as unclassifiable/attainment. In accordance with section 107(d) of the Clean Air Act, EPA must designate an area “nonattainment” if it is violating the 2008 ozone NAAQS or if it is contributing to a violation of the 2008 ozone NAAQS in a nearby area. An area is designated “unclassifiable/attainment” if the area is attaining the standard or there is not enough information to make an attainment determination. The rationale for the Crittenden County designation can be found in the Technical Support Document (TSD) for the Memphis, TN-MS-AR nonattainment area.

2008 Ozone NAAQS Designations for Counties in Arkansas

Area	Arkansas’ Recommended Nonattainment Counties	EPA’s Designated Nonattainment Counties
Arkansas	None*	Crittenden County

*Revised designation recommendation for Crittenden County and Pulaski County (Little Rock area) submitted by the state of Arkansas to the EPA on February 23, 2012.

State Recommendations

In its March 2009 initial 2008 ozone NAAQS designation recommendation letter to EPA, Arkansas recommended that Crittenden County and Pulaski County be designated as nonattainment. This recommendation was based on ambient air quality monitoring data for the period from 2006 – 2008 that indicated a design values of 0.082 ppm (Crittenden County) and 0.080 ppm (Pulaski County), which exceed the 2008 ozone NAAQS. In its response to EPA’s recommendations for 2008 ozone nonattainment areas, Arkansas on February 23, 2012 withdrew its initial recommendation for Crittenden County and Pulaski County and submitted a revised recommendation that the Counties be designated as “unclassifiable/attainment.” This revised recommendation is based on certified ambient air quality monitoring data for the period from 2008 – 2010, which indicates monitors in the Counties are attaining the 2008 ozone NAAQS. The revised recommendation is in the docket for this action.

Air Quality Data

Based on 2008 – 2010 certified air quality data there are no monitors in the State that violate the 2008 ozone standard. The 8-hour ozone design value for Pulaski County for the period from 2008 – 2010 is 0.070 ppm (0.070 ppm at two monitoring sites and 0.067 ppm at one monitoring site). The 8-hour design value for Crittenden County is 0.074 ppm. The certified air quality data is in the docket for this action.

Conclusion

Upon evaluation of the recommendation letters received from the State of Arkansas, the most recent certified air quality monitoring data, and other information EPA is designating Crittenden County Arkansas as nonattainment and the remaining Arkansas counties comprising the Little Rock, as “unclassifiable/attainment” for the 2008 ozone NAAQS. The rationale for the Crittenden County designation can be found in the TSD for the Memphis, TN-MS-AR nonattainment area.